ELSEVIER

Hearing Research 124 (1998) 195–196

HEARING RESEARCH

Author Index Volume 124

Abe, K., see Hiyama, S. (124) 118
Adams, J.C., see Stanković, K.M. (124) 191
Afman, C.E., see Kaltenbach, J.A. (124) 78
Alper, S.L., see Stanković, K.M. (124) 191
Altschuler, R., see Ylikoski, J. (124) 17

Bagger-Sjöbäck, D., see Erichsen, S. (124) 146
Bahadori, R.S., see Bohne, B.A. (124) 132
Bohne, B.A., Maghami, E.G., Bahadori, R.S. and Harding, G.W.
The role of micro-noise trauma in the etiology of aging-related changes in the inner ear (124) 132
Brown, D., see Stanković, K.M. (124) 191

Campbell, K.C.M., see Meech, R.P. (124) 44
Chatterjee, M., and Zwislocki, J.J.
Cochlear mechanisms of frequency and intensity coding. II. Dynamic range and the code for loudness (124) 170
Clock Eddins, A., Salvi, R.J., Wang, J. and Powers, N.L.
Threshold-duration functions of chinchilla auditory nerve fibers (124) 190
Collet, L., see Maison, S. (124) 193
Curtis, L.M., see Erichsen, S. (124) 146

Dallos, P., see Edge, R.M. (124) 1
Duncan, R.K., Dyce, O.H. and Saunders, J.C.
Low calcium abolishes tip links and alters relative stereocilia motion in chick cochlear hair cells (124) 69
Dyce, O.H., see Duncan, R.K. (124) 69

Edge, R.M., Evans, B.N., Pearce, M., Richter, C.-P., Hu, X. and Dallos, P.
Morphology of the unfixed cochlea (124) 1
Erichsen, S., Stierna, P., Bagger-Sjöbäck, D., Curtis, L.M., Rarey, K.E., Schmid, W. and Hultcrantz, M.
Distribution of Na,K-ATPase is normal in the inner ear of a mouse with a null mutation of the glucocorticoid receptor (124) 146
Evans, B.N., see Edge, R.M. (124) 1

Fukuda, S., see Hiyama, S. (124) 118

Ghanem, T.A., Rabbitt, R.D. and Tresco, P.A.
Three-dimensional reconstruction of the membranous vestibular labyrinth in the toadfish, *Opsanus tau* (124) 27
Godfrey, D.A., see Kaltenbach, J.A. (124) 78

Harding, G.W., see Bohne, B.A. (124) 132
Henson Jr., O.W., see Xie, D.-H. (124) 60
Hiyama, S., Abe, K., Mikuni, H., Fukuda, S. and Inuyama, Y.
Type A fibril of the mouse tectorial membrane shows D-periodicity: an atomic force microscopic examination (124) 118
Hu, X., see Edge, R.M. (124) 1
Hughes, L.P., see Meech, R.P. (124) 44

Huizing, E.H., see Stengs, C.H.M. (124) 99
Huizing, E.H., see Stengs, C.H.M. (124) 108
Hultcrantz, M., see Stenberg, A.E. (124) 85
Hultcrantz, M., see Erichsen, S. (124) 146

Ikeda, K., see Tateda, M. (124) 91
Inuyama, Y., see Hiyama, S. (124) 118

Kaltenbach, J.A., Godfrey, D.A., Neumann, J.B., McCaslin, D.L., Afman, C.E. and Zhang, J.
Changes in spontaneous neural activity in the dorsal cochlear nucleus following exposure to intense sound: relation to threshold shift (124) 78
Klis, S.F.L., see Stengs, C.H.M. (124) 99
Klis, S.F.L., see Stengs, C.H.M. (124) 108
Krumbholz, K., and Wiegrebe, L.
Detection thresholds for brief sounds - are they a measure of auditory intensity integration? (124) 155

Liang, X.-Q., see Ylikoski, J. (124) 17

Magal, E., see Ylikoski, J. (124) 17
Maghami, E.G., see Bohne, B.A. (124) 132
Maison, S., Micheyl, C. and Collet, L.
Corrigendum to "Contralateral frequency-modulated tones suppress transient-evoked otoacoustic emissions in humans" [Hear. Res. 117 (1998) 114-118] (124) 193
McCaslin, D.L., see Kaltenbach, J.A. (124) 78
Meech, R.P., Campbell, K.C.M., Hughes, L.P. and Rybak, L.P.
A semiquantitative analysis of the effects of cisplatin on the rat stria vascularis (124) 44
Micheyl, C., see Maison, S. (124) 193
Mikuni, H., see Hiyama, S. (124) 118
Miller, J.M., see Ylikoski, J. (124) 17
Mountain, D.C., see Naidu, R.C. (124) 124
Murnane, O.D., Prieve, B.A. and Relkin, E.M.
Recovery of the human compound action potential following prior stimulation (124) 182

Naidu, R.C., and Mountain, D.C.
Measurements of the stiffness map challenge a basic tenet of cochlear theories (124) 124
Neumann, J.B., see Kaltenbach, J.A. (124) 78
Nylén, O., see Stenberg, A.E. (124) 85

Pearce, M., see Edge, R.M. (124) 1
Pirvola, U., see Ylikoski, J. (124) 17
Powers, N.L., see Clock Eddins, A. (124) 190
Prieve, B.A., see Murnane, O.D. (124) 182

Rabbitt, R.D., see Ghanem, T.A. (124) 27
Rarey, K.E., see Erichsen, S. (124) 146

Relkin, E.M., see Murnane, O.D. (124) 182
Richter, C.-P., see Edge, R.M. (124) 1
Rybak, L.P., see Meech, R.P. (124) 44

Saarma, M., see Ylikoski, J. (124) 17
Salvi, R.J., see Clock Eddins, A. (124) 190
Saunders, J.C., see Duncan, R.K. (124) 69
Schmid, W., see Erichsen, S. (124) 146
Smoorenburg, G.F., see Stengs, C.H.M. (124) 108
Smoorenburg, G.F., see Stengs, C.H.M. (124) 99
Stanković, K.M., Brown, D., Alper, S.L. and Adams, J.C.
Erratum to "Localization of pH regulating proteins H^+ATPase and Cl^-/HCO^-_3 exchanger in the guinea pig inner ear" [Hearing Research 114 (1997) 21-34] (124) 191
Stenberg, A.E., Nylén, O., Windh, M. and Hultcrantz, M.
Otological problems in children with Turner's syndrome (124) 85
Stengs, C.H.M., Klis, S.F.L., Huizing, E.H. and Smoorenburg, G.F.
Protective effects of a neurotrophic $ACTH_{(4-9)}$ analog on cisplatin ototoxicity in relation to the cisplatin dose: an electrocochleographic study in albino guinea pigs (124) 108
Stengs, C.H.M., Klis, S.F.L., Huizing, E.H. and Smoorenburg, G.F.
Cisplatin ototoxicity. An electrophysiological dose-effect study in albino guinea pigs (124) 99
Stierna, P., see Erichsen, S. (124) 146
Suvanto, P., see Ylikoski, J. (124) 17
Suzuki, H., see Tateda, M. (124) 91

Takasaka, T., see Tateda, M. (124) 91
Tateda, M., Suzuki, H., Ikeda, K. and Takasaka, T.
pH regulation of the globular substance in the otoconial membrane of the guinea-pig inner ear (124) 91
Tresco, P.A., see Ghanem, T.A. (124) 27

Virkkala, J., see Ylikoski, J. (124) 17

Wang, J., see Clock Eddins, A. (124) 190
Wiegrebe, L., see Krumbholz, K. (124) 155
Windh, M., see Stenberg, A.E. (124) 85

Xie, D.-H., and Henson Jr., O.W.
Tonic efferent-induced cochlear damping in roosting and echolocating mustached bats (124) 60

Ylikoski, J., Pirvola, U., Virkkala, J., Suvanto, P., Liang, X.-Q., Magal, E., Altschuler, R., Miller, J.M. and Saarma, M.
Guinea pig auditory neurons are protected by glial cell line-derived growth factor from degeneration after noise trauma (124) 17

Zhang, J., see Kaltenbach, J.A. (124) 78
Zwislocki, J.J., see Chatterjee, M. (124) 170

ELSEVIER

Hearing Research 124 (1998) 197–199

HEARING RESEARCH

Subject Index Volume 124

Aging-related cochlear damage
Chinchilla; Noise; Presbycusis (Bohne, B.A. (124) 132)

Anatomy
Hemicochlea; Tissue fixation; Basilar membrane; Tectorial membrane; Organ of Corti; Calcium; Cochlea (Edge, R.M. (124) 1)

Atomic force microscopy
Tectorial membrane; Type II collagen; Inner ear (Hiyama, S. (124) 118)

Auditory
Chick; Stereocilium; Micromechanics; Calcium; Tip link (Duncan, R.K. (124) 69)

Dynamic range; Hair cell; Loudness (Chatterjee, M. (124) 170)

Basilar membrane
Hemicochlea; Anatomy; Tissue fixation; Tectorial membrane; Organ of Corti; Calcium; Cochlea (Edge, R.M. (124) 1)

Bat
Efferent; Medial olivocochlear; Cochlea; Vocalization (Xie, D.-H. (124) 60)

Calcium
Hemicochlea; Anatomy; Tissue fixation; Basilar membrane; Tectorial membrane; Organ of Corti; Cochlea (Edge, R.M. (124) 1)

Auditory; Chick; Stereocilium; Micromechanics; Tip link (Duncan, R.K. (124) 69)

Chick
Auditory; Stereocilium; Micromechanics; Calcium; Tip link (Duncan, R.K. (124) 69)

Child
Turner's syndrome; Tympanic membrane pathology; Hearing impairment; Karyotype; Otitis media (Stenberg, A.E. (124) 85)

Chinchilla
Aging-related cochlear damage; Noise; Presbycusis (Bohne, B.A. (124) 132)

Cisplatin
Stria vascularis; Ototoxicity; Semiquantitative analysis (Meech, R.P. (124) 44)

Guinea pig; Compound action potential; Cochlear microphonics; Summating potential; Ototoxicity (Stengs, C.H.M. (124) 99)

Guinea pig; Compound action potential; Cochlear microphonics; Summating potential; Ototoxicity; Prophylaxis (Stengs, C.H.M. (124) 108)

Cochlea
Hemicochlea; Anatomy; Tissue fixation; Basilar membrane; Tectorial membrane; Organ of Corti; Calcium (Edge, R.M. (124) 1)

Efferent; Medial olivocochlear; Bat; Vocalization (Xie, D.-H. (124) 60)

Gerbil; Partition stiffness; Stiffness gradient; Frequency map (Naidu, R.C. (124) 124)

Cisplatin; Guinea pig; Compound action potential; Summating potential; Ototoxicity (Stengs, C.H.M. (124) 99)

Cisplatin; Guinea pig; Compound action potential; Summating potential; Ototoxicity; Prophylaxis (Stengs, C.H.M. (124) 108)

Cochlear nucleus
Plasticity; Spontaneous activity; Tinnitus; Noise-induced hearing loss; Hamster (Kaltenbach, J.A. (124) 78)

Compound action potential
Cisplatin; Guinea pig; Cochlear microphonics; Summating potential; Ototoxicity (Stengs, C.H.M. (124) 99)

Cisplatin; Guinea pig; Cochlear microphonics; Summating potential; Ototoxicity; Prophylaxis (Stengs, C.H.M. (124) 108)

Forward masking; Recovery; Spontaneous rate; Human (Murnane, O.D. (124) 182)

Confocal laser microscope
Globular substance; pH_i; Na^+-H^+ exchange; Otoconial formation (Tateda, M. (124) 91)

Decay time of auditory filter
Intensity integration; Temporal interference; Matched filter (Krumbholz, K. (124) 155)

Dissociated cochlear neuron
Glial cell line-derived neurotrophic factor; Infusion therapy; Noise damage; In situ hybridization (Ylikoski, J. (124) 17)

Dynamic range
Hair cell; Auditory nerve; Loudness (Chatterjee, M. (124) 170)

Efferent
Medial olivocochlear; Bat; Cochlea; Vocalization (Xie, D.-H. (124) 60)

Forward masking
Compound action potential; Recovery; Spontaneous rate; Human (Murnane, O.D. (124) 182)

Frequency map
Gerbil; Cochlea; Partition stiffness; Stiffness gradient (Naidu, R.C. (124) 124)

Gerbil
Cochlea; Partition stiffness; Stiffness gradient; Frequency map (Naidu, R.C. (124) 124)

Glial cell line-derived neurotrophic factor
Dissociated cochlear neuron; Infusion therapy; Noise damage; In situ hybridization (Ylikoski, J. (124) 17)

Globular substance
pH_i; Confocal laser microscope; Na^+-H^+ exchange; Otoconial formation (Tateda, M. (124) 91)

Glucocorticoid receptor
Immunohistochemistry; Inner ear; Mouse; Na,K-ATPase; Homologous recombination (Erichsen, S. (124) 146)

Guinea pig
Cisplatin; Compound action potential; Cochlear microphonics; Summating potential; Ototoxicity (Stengs, C.H.M. (124) 99)

Cisplatin; Compound action potential; Cochlear microphonics; Summating potential; Ototoxicity; Prophylaxis (Stengs, C.H.M. (124) 108)

Hair cell
Dynamic range; Auditory nerve; Loudness (Chatterjee, M. (124) 170)

Hamster
Plasticity; Spontaneous activity; Tinnitus; Cochlear nucleus; Noise-induced hearing loss (Kaltenbach, J.A. (124) 78)

Hearing impairment
Turner's syndrome; Tympanic membrane pathology; Child; Karyotype; Otitis media (Stenberg, A.E. (124) 85)

Hemicochlea
Anatomy; Tissue fixation; Basilar membrane; Tectorial membrane; Organ of Corti; Calcium; Cochlea (Edge, R.M. (124) 1)

Homologous recombination
Immunohistochemistry; Inner ear; Mouse; Glucocorticoid receptor; Na,K-ATPase (Erichsen, S. (124) 146)

Human
Compound action potential; Forward masking; Recovery; Spontaneous rate (Murnane, O.D. (124) 182)

Immunohistochemistry
Inner ear; Mouse; Glucocorticoid receptor; Na,K-ATPase; Homologous recombination (Erichsen, S. (124) 146)

In situ hybridization
Glial cell line-derived neurotrophic factor; Dissociated cochlear neuron; Infusion therapy; Noise damage (Ylikoski, J. (124) 17)

Infusion therapy
Glial cell line-derived neurotrophic factor; Dissociated cochlear neuron; Noise damage; In situ hybridization (Ylikoski, J. (124) 17)

Inner ear
Immunohistochemistry; Mouse; Glucocorticoid receptor; Na,K-ATPase; Homologous recombination (Erichsen, S. (124) 146)

Tectorial membrane; Type II collagen; Atomic force microscopy (Hiyama, S. (124) 118)

Intensity integration
Temporal interference; Decay time of auditory filter; Matched filter (Krumbholz, K. (124) 155)

Karyotype
Turner's syndrome; Tympanic membrane pathology; Child; Hearing impairment; Otitis media (Stenberg, A.E. (124) 85)

Loudness
Dynamic range; Hair cell; Auditory nerve (Chatterjee, M. (124) 170)

Matched filter
Intensity integration; Temporal interference; Decay time of auditory filter (Krumbholz, K. (124) 155)

Medial olivocochlear
Efferent; Bat; Cochlea; Vocalization (Xie, D.-H. (124) 60)

Micromechanics
Auditory; Chick; Stereocilium; Calcium; Tip link (Duncan, R.K. (124) 69)

Morphology vestibular labyrinth
Three-dimensional reconstruction; Toadfish (Ghanem, T.A. (124) 27)

Mouse
Immunohistochemistry; Inner ear; Glucocorticoid receptor; Na,K-ATPase; Homologous recombination (Erichsen, S. (124) 146)

Na^+-H^+ exchange
Globular substance; pH_i; Confocal laser microscope; Otoconial formation (Tateda, M. (124) 91)

Na,K-ATPase
Immunohistochemistry; Inner ear; Mouse; Glucocorticoid receptor; Homologous recombination (Erichsen, S. (124) 146)

Noise
Chinchilla; Aging-related cochlear damage; Presbycusis (Bohne, B.A. (124) 132)

Glial cell line-derived neurotrophic factor; Dissociated cochlear neuron; Infusion therapy; In situ hybridization (Ylikoski, J. (124) 17)

Noise-induced hearing loss
Plasticity; Spontaneous activity; Tinnitus; Cochlear nucleus; Hamster (Kaltenbach, J.A. (124) 78)

Organ of Corti
Hemicochlea; Anatomy; Tissue fixation; Basilar membrane; Tectorial membrane; Calcium; Cochlea (Edge, R.M. (124) 1)

Otitis media
Turner's syndrome; Tympanic membrane pathology; Child; Hearing impairment; Karyotype (Stenberg, A.E. (124) 85)

Otoconial formation
Globular substance; pH_i; Confocal laser microscope; Na^+-H^+ exchange (Tateda, M. (124) 91)

Ototoxicity
Cisplatin; Stria vascularis; Semiquantitative analysis (Meech, R.P. (124) 44)

Cisplatin; Guinea pig; Compound action potential; Cochlear microphonics; Summating potential (Stengs, C.H.M. (124) 99)

Cisplatin; Guinea pig; Compound action potential; Cochlear microphonics; Summating potential; Prophylaxis (Stengs, C.H.M. (124) 108)

Partition stiffness
Gerbil; Cochlea; Stiffness gradient; Frequency map (Naidu, R.C. (124) 124)

pH_i
Globular substance; Confocal laser microscope; Na^+-H^+ exchange; Otoconial formation (Tateda, M. (124) 91)

Plasticity
Spontaneous activity; Tinnitus; Cochlear nucleus; Noise-induced hearing loss; Hamster (Kaltenbach, J.A. (124) 78)

Presbycusis
Chinchilla; Aging-related cochlear damage; Noise (Bohne, B.A. (124) 132)

Prophylaxis
Cisplatin; Guinea pig; Compound action potential; Cochlear microphonics; Summating potential; Ototoxicity (Stengs, C.H.M. (124) 108)

Recovery
Compound action potential; Forward masking; Spontaneous rate; Human (Murnane, O.D. (124) 182)

Semiquantitative analysis
Cisplatin; Stria vascularis; Ototoxicity (Meech, R.P. (124) 44)

Spontaneous activity
Plasticity; Tinnitus; Cochlear nucleus; Noise-induced hearing loss; Hamster (Kaltenbach, J.A. (124) 78)

Spontaneous rate
Compound action potential; Forward masking; Recovery; Human (Murnane, O.D. (124) 182)

Stereocilium
Auditory; Chick; Micromechanics; Calcium; Tip link (Duncan, R.K. (124) 69)

Stiffness gradient
Gerbil; Cochlea; Partition stiffness; Frequency map (Naidu, R.C. (124) 124)

Stria vascularis
Cisplatin; Ototoxicity; Semiquantitative analysis (Meech, R.P. (124) 44)

Summating potential
Cisplatin; Guinea pig; Compound action potential; Cochlear microphonics; Ototoxicity (Stengs, C.H.M. (124) 99)

Cisplatin; Guinea pig; Compound action potential; Cochlear microphonics; Ototoxicity; Prophylaxis (Stengs, C.H.M. (124) 108)

Tectorial membrane
Hemicochlea; Anatomy; Tissue fixation; Basilar membrane; Organ of Corti; Calcium; Cochlea (Edge, R.M. (124) 1)

Type II collagen; Atomic force microscopy; Inner ear (Hiyama, S. (124) 118)

Temporal interference
Intensity integration; Decay time of auditory filter; Matched filter (Krumbholz, K. (124) 155)

Three-dimensional reconstruction
Morphology vestibular labyrinth; Toadfish (Ghanem, T.A. (124) 27)

Tinnitus
Plasticity; Spontaneous activity; Cochlear nucleus; Noise-induced hearing loss; Hamster (Kaltenbach, J.A. (124) 78)

Tip link
Auditory; Chick; Stereocilium; Micromechanics; Calcium (Duncan, R.K. (124) 69)

Tissue fixation
Hemicochlea; Anatomy; Basilar membrane; Tectorial membrane; Organ of Corti; Calcium; Cochlea (Edge, R.M. (124) 1)

Toadfish
Three-dimensional reconstruction; Morphology vestibular labyrinth (Ghanem, T.A. (124) 27)

Turner's syndrome
Tympanic membrane pathology; Child; Hearing impairment; Karyotype; Otitis media (Stenberg, A.E. (124) 85)

Tympanic membrane pathology
Turner's syndrome; Child; Hearing impairment; Karyotype; Otitis media (Stenberg, A.E. (124) 85)

Type II collagen
Tectorial membrane; Atomic force microscopy; Inner ear (Hiyama, S. (124) 118)

Vocalization
Efferent; Medial olivocochlear; Bat; Cochlea (Xie, D.-H. (124) 60)